

Date: December 22, 2003

Inventor(s): S. Unnikrishna Pillai

Title: TARGET IDENTIFICATION FROM A POOL OF TARGETS USING A NEW ADAPTIVE TRANSMITTER - RECEIVER DESIGN.

Date Filed:

Serial No:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

Applicant submits this statement in accordance with the duty of disclosure under 37 C.F.R. 1.56 and 1.97-1.98. This statement is filed in accordance with 37 C.F.R. 1.97(b)(1), within three months of the filing date of a national application.

The English language references are listed on attached Form PTO-1449 and require no further commentary under 37 C.F.R. 1.98(a)(3).

A copy of each reference, together with a listing on Form PTO-1449, is submitted herewith. Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

Respectfully submitted,



Walter J. Tencza Jr.  
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WJT/ft  
Enclosure

## Section 2. Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. Department of Commerce (Modified) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT SUPPLEMENTAL  (Use several sheets if necessary)  (37 CFR 1.98(b))	ATTY. DOCKET NO S. Unnikrishna Pillai	SERIAL NO.:
	APPLICANT(S) S. Unnikrishna Pillai	
	FILING DATE	GROUP:

## U.S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Places of Publication ***)	

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Places of Publication)			
			1. "Optimum Transmit - Receiver Design in the presence of Signal - Dependent Interference and Channel Noise" Copyright © 2003 IEEE. Reprinted from IEEE Transaction on information theory, Vol. 46, NO. 2, March 2000
			2. "Join Optimal TX - RX Design for Multiple Target Identification Problem" Copyright © 2003 IEEE. Reprinted from Second IEEE Sensor Array and Multichannel Signal processing Workshop, 2002 (SAM 2002)), August 4-6, 2002, Rosslyn, VA.
EXAMINER			DATE CONSIDERED
EXAMINER			

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.